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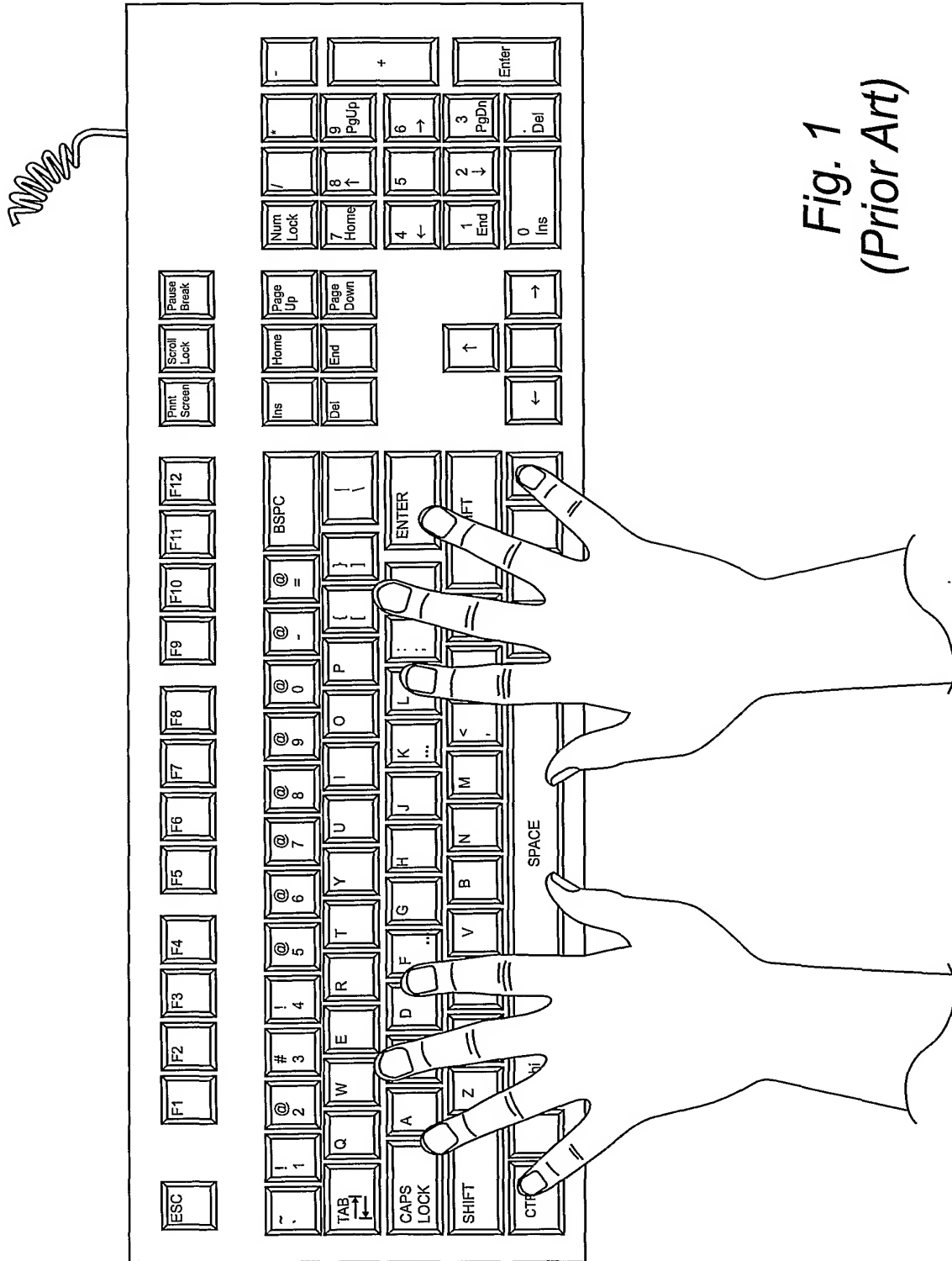


Fig. 1  
(Prior Art)

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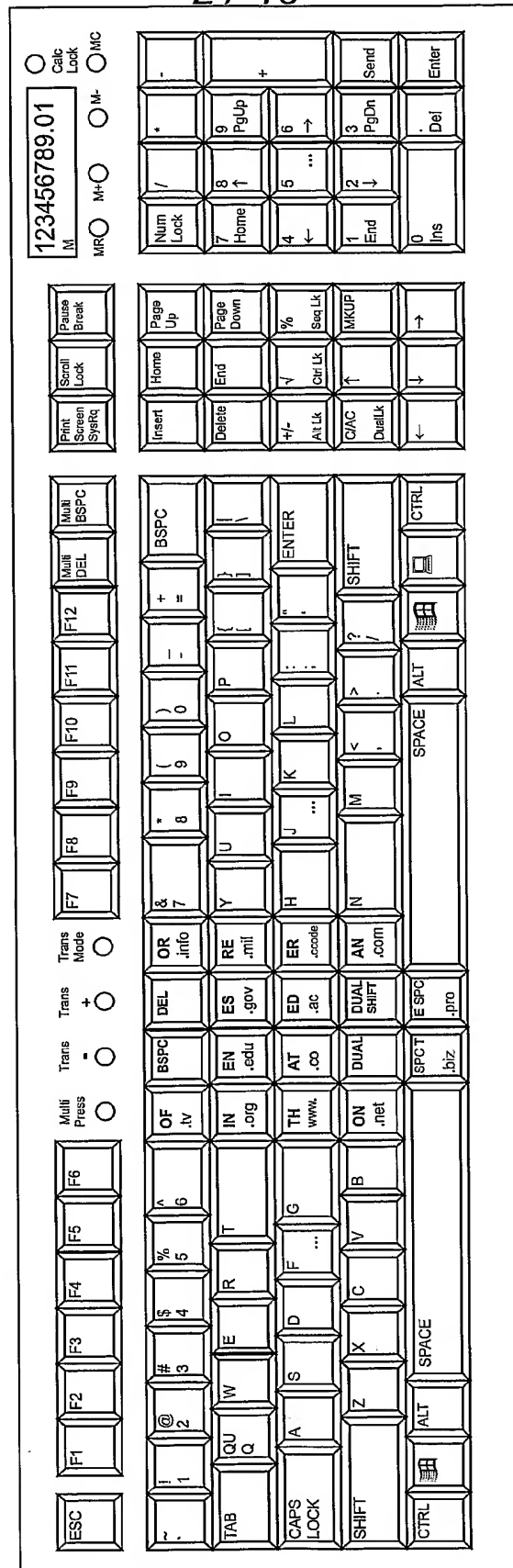


Fig. 2a

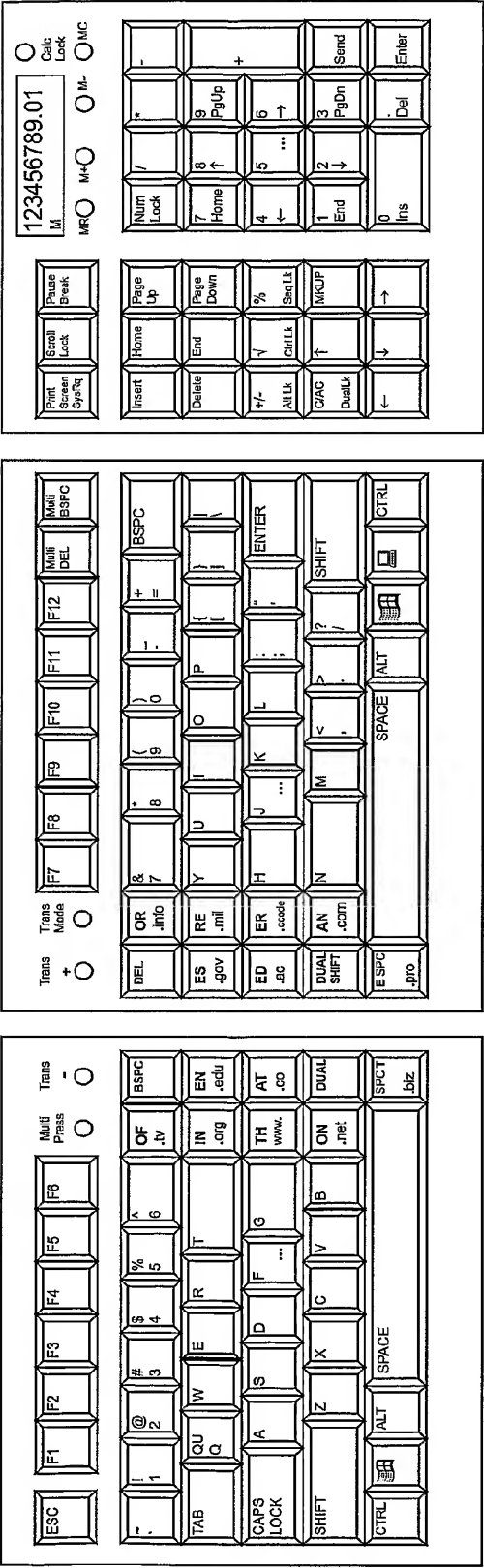


Fig. 2b

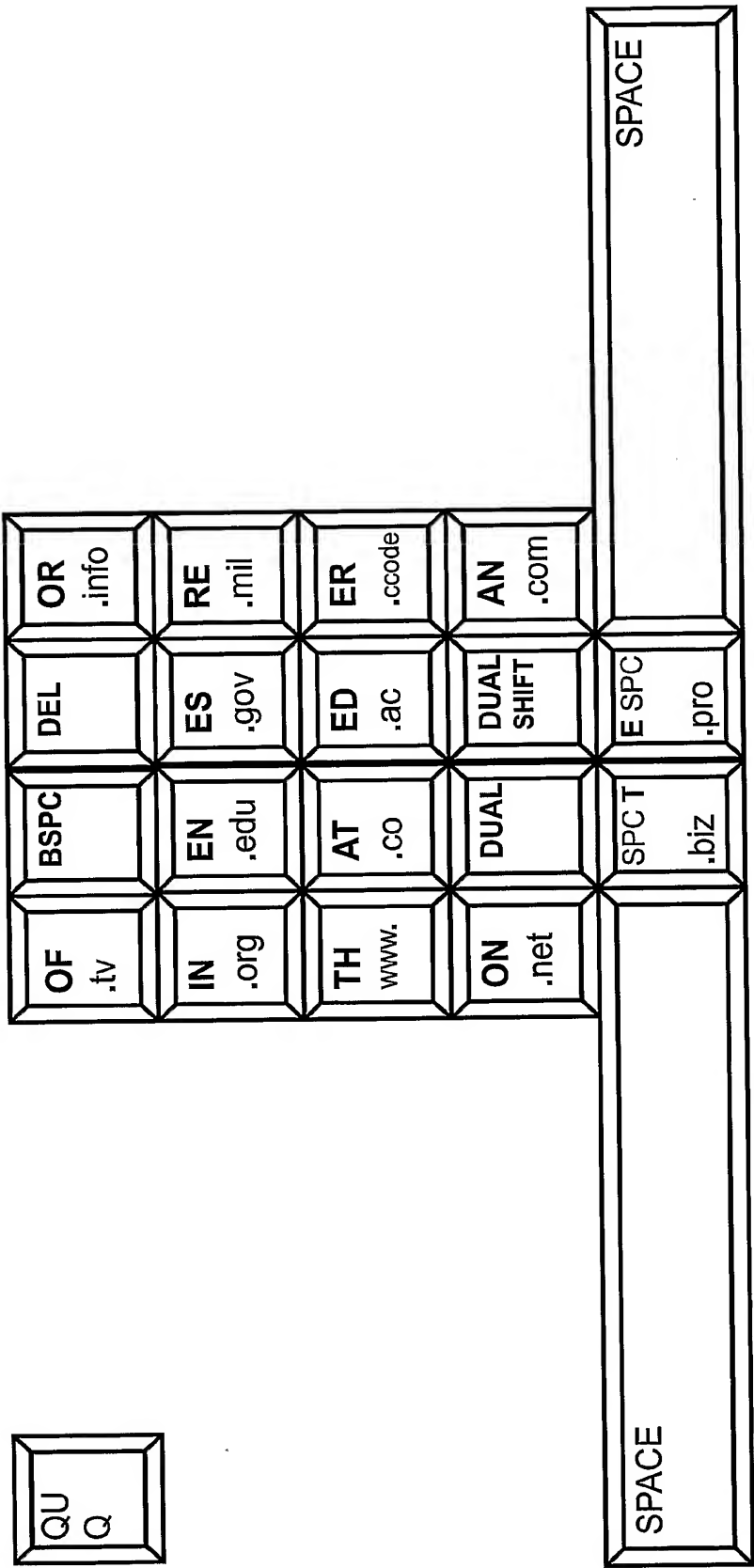


Fig. 2c

Physical MDP Feature:	Description:	Notes: (Assumes operation in Normal / Default Mode)
Keys:	QU/Q OF/tv OR/info IN/org EN/edu ES/gov RE/mil TH/www. AT/co ED/ac ER.ccode  ON/.net AN/.com SPC T/.biz E SPC/.pro  DUAL DUAL SHIFT  Multi DEL  Multi BSPC  +/-/Alt Lk v/Ctrl Lk %/Seq Lk  C/AC/Dual Lk MKUP	Primary qu key-value, secondary q key-value Primary of key-value, secondary <dot>tv key-value Primary or key-value, secondary <dot>info key-value Primary in key-value, secondary <dot>org key-value Primary en key-value, secondary <dot>edu key-value Primary es key-value, secondary <dot>gov key-value Primary re key-value, secondary <dot>mil key-value Primary th key-value, secondary www<dot> key-value Primary at key-value, secondary <dot>co key-value Primary ed key-value, secondary <dot>ac key-value Primary er key-value, secondary user configurable URL country-code key-value Primary on key-value, secondary <dot>net key-value Primary an key-value, secondary <dot>com key-value Primary <space>t key-value, secondary <dot>biz key-value Primary e<space> key-value, secondary <dot>pro key-value  Accesses secondary key-values Accesses SHIFT equivalent of secondary key-values  User configurable left-to-right delete of up to (N characters, words, sentences or paragraphs) User configurable right-to-left delete of up to (N characters, words, sentences or paragraphs)  Primary +/- sign operator, secondary ALT LOCK operator Primary Square Root operator, secondary CTRL LOCK operator Primary Percentage operator, secondary Sequential Typing LOCK operator Primary Clear Calculator operator, secondary DUAL LOCK operator Percentage Mark Up calculation operator

Fig. 2d

Physical MDP Feature:	Description:	Notes: (Assumes operation in Normal / Default Mode)
Buttons	Multi Press Trans + Trans Mode	Multi-Press mode ON/OFF (aka Toggle feature) Translate Minimize (Implode) Translate Maximize (Explode or Expand) Translate mode ON/OFF (ON/OFF toggle of user configurable Automatic Translate feature)
	MR M+ M- MC	Memory Recall Memory Plus Memory Minus Memory Clear
	Calc Lock	Calculator mode ON/OFF (in combination with NUM LOCK)
LCD	LCD	Calculator LCD showing conventional calculator display characteristics (Numerics, Memory indicator, +/- sign, Error indicator etc.)

Fig. 2d cont.

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Country codes for the user configurable .ccode MDP key values (default value is .uk).

<u>.ac</u> Ascension Island	<u>.cr</u> Costa Rica
<u>.ad</u> Andorra	<u>.cu</u> Cuba
<u>.ae</u> United Arab Emirates	<u>.cv</u> Cap Verde
<u>.af</u> Afghanistan	<u>.cx</u> Christmas Island
<u>.ag</u> Antigua and Barbuda	<u>.cy</u> Cyprus
<u>.ai</u> Anguilla	<u>.cz</u> Czech Republic
<u>.al</u> Albania	<u>.de</u> Germany
<u>.am</u> Armenia	<u>.dj</u> Djibouti
<u>.an</u> Netherlands Antilles	<u>.dk</u> Denmark
<u>.ao</u> Angola	<u>.dm</u> Dominica
<u>.aq</u> Antarctica	<u>.do</u> Dominican Republic
<u>.ar</u> Argentina	<u>.dz</u> Algeria
<u>.as</u> American Samoa	<u>.ec</u> Ecuador
<u>.at</u> Austria	<u>.ee</u> Estonia
<u>.au</u> Australia	<u>.eg</u> Egypt
<u>.aw</u> Aruba	<u>.eh</u> Western Sahara
<u>.az</u> Azerbaijan	<u>.er</u> Eritrea
<u>.ba</u> Bosnia and Herzegovina	<u>.es</u> Spain
<u>.bb</u> Barbados	<u>.et</u> Ethiopia
<u>.bd</u> Bangladesh	<u>.fi</u> Finland
<u>.be</u> Belgium	<u>.fj</u> Fiji
<u>.bf</u> Burkina Faso	<u>.fk</u> Falkland Islands (Malvina)
<u>.bg</u> Bulgaria	<u>.fm</u> Micronesia, Federal State of
<u>.bh</u> Bahrain	<u>.fo</u> Faroe Islands
<u>.bi</u> Burundi	<u>.fr</u> France
<u>.bj</u> Benin	<u>.ga</u> Gabon
<u>.bm</u> Bermuda	<u>.gd</u> Grenada
<u>.bn</u> Brunei Darussalam	<u>.ge</u> Georgia
<u>.bo</u> Bolivia	<u>.gf</u> French Guiana
<u>.br</u> Brazil	<u>.gg</u> Guernsey
<u>.bs</u> Bahamas	<u>.gh</u> Ghana
<u>.bt</u> Bhutan	<u>.gi</u> Gibraltar
<u>.bv</u> Bouvet Island	<u>.gl</u> Greenland.gm Gambia
<u>.bw</u> Botswana	<u>.gn</u> Guinea
<u>.by</u> Belarus	<u>.gp</u> Guadeloupe
<u>.bz</u> Belize	<u>.gq</u> Equatorial Guinea
<u>.ca</u> Canada	<u>.gr</u> Greece
<u>.cc</u> Cocos (Keeling) Islands	<u>.gs</u> South Georgia & South Sandwich Islands
<u>.cd</u> Congo, Democratic Republic of the	<u>.gt</u> Guatemala
<u>.cf</u> Central African Republic	<u>.gu</u> Guam
<u>.cg</u> Congo, Republic of	<u>.gw</u> Guinea-Bissau
<u>.ch</u> Switzerland	<u>.gy</u> Guyana
<u>.ci</u> Cote d'Ivoire	<u>.hk</u> Hong Kong
<u>.ck</u> Cook Islands	<u>.hm</u> Heard and McDonald Islands
<u>.cl</u> Chile	<u>.hn</u> Honduras
<u>.cm</u> Cameroon	<u>.hr</u> Croatia/Hrvatska
<u>.cn</u> China	<u>.ht</u> Haiti
<u>.co</u> Colombia	

Fig. 3

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Country codes for the user configurable .ccode MDP key values (default value is .uk).

<u>.hu</u> Hungary	<u>.mq</u> Martinique
<u>.id</u> Indonesia	<u>.mr</u> Mauritania
<u>.ie</u> Ireland	<u>.ms</u> Montserrat
<u>.il</u> Israel	<u>.mt</u> Malta
<u>.im</u> Isle of Man	<u>.mu</u> Mauritius
<u>.in</u> India	<u>.mv</u> Maldives
<u>.io</u> British Indian Ocean Territory	<u>.mw</u> Malawi
<u>.iq</u> Iraq	<u>.mx</u> Mexico
<u>.ir</u> Iran (Islamic Republic of)	<u>.my</u> Malaysia
<u>.is</u> Iceland	<u>.mz</u> Mozambique
<u>.it</u> Italy	<u>.na</u> Namibia
<u>.je</u> Jersey	<u>.nc</u> New Caledonia
<u>.jm</u> Jamaica	<u>.ne</u> Niger
<u>.jo</u> Jordan	<u>.nf</u> Norfolk Island
<u>.jp</u> Japan	<u>.ng</u> Nigeria
<u>.ke</u> Kenya	<u>.ni</u> Nicaragua
<u>.kg</u> Kyrgyzstan	<u>.nl</u> Netherlands
<u>.kh</u> Cambodia	<u>.no</u> Norway <u>.np</u> Nepal
<u>.ki</u> Kiribati	<u>.nr</u> Nauru
<u>.km</u> Comoros	<u>.nu</u> Niue
<u>.kn</u> Saint Kitts and Nevis	<u>.nz</u> New Zealand
<u>.kp</u> Korea, Democratic People's Republic	<u>.om</u> Oman
<u>.kr</u> Korea, Republic of	<u>.pa</u> Panama
<u>.kw</u> Kuwait	<u>.pe</u> Peru
<u>.ky</u> Cayman Islands	<u>.pf</u> French Polynesia
<u>.kz</u> Kazakhstan	<u>.pg</u> Papua New Guinea
<u>.la</u> Lao People's Democratic Republic	<u>.ph</u> Philippines
<u>.lb</u> Lebanon	<u>.pk</u> Pakistan
<u>.lc</u> Saint Lucia	<u>.pl</u> Poland
<u>.li</u> Liechtenstein	<u>.pm</u> St. Pierre and Miquelon
<u>.lk</u> Sri Lanka	<u>.pn</u> Pitcairn Island
<u>.lr</u> Liberia	<u>.pr</u> Puerto Rico
<u>.ls</u> Lesotho	<u>.ps</u> Palestinian Territories
<u>.lt</u> Lithuania	<u>.pt</u> Portugal
<u>.lu</u> Luxembourg	<u>.pw</u> Palau
<u>.lv</u> Latvia	<u>.py</u> Paraguay
<u>.ly</u> Libyan Arab Jamahiriya	<u>.qa</u> Qatar
<u>.ma</u> Morocco	<u>.re</u> Reunion Island
<u>.mc</u> Monaco	<u>.ro</u> Romania
<u>.md</u> Moldova, Republic of	<u>.ru</u> Russian Federation
<u>.mg</u> Madagascar	<u>.rw</u> Rwanda
<u>.mh</u> Marshall Islands	<u>.sa</u> Saudi Arabia
<u>.mk</u> Macedonia, Former Yugoslav Republic	<u>.sb</u> Solomon Islands
<u>.ml</u> Mali	<u>.sc</u> Seychelles
<u>.mm</u> Myanmar	<u>.sd</u> Sudan
<u>.mn</u> Mongolia	<u>.se</u> Sweden
<u>.mo</u> Macau	<u>.sg</u> Singapore
<u>.mp</u> Northern Mariana Islands	<u>.sh</u> St. Helena

*Fig. 3 Cont.*

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Country codes for the user configurable .ccode MDP key values (default value is .uk).

<u>.si</u> Slovenia	<u>.zm</u> Zambia
<u>.sj</u> Svalbard and Jan Mayen Islands	<u>.zw</u> Zimbabwe
<u>.sk</u> Slovak Republic	
<u>.sl</u> Sierra Leone	
<u>.sm</u> San Marino	
<u>.sn</u> Senegal	
<u>.so</u> Somalia	
<u>.sr</u> Suriname	
<u>.st</u> Sao Tome and Principe	
<u>.sv</u> El Salvador	
<u>.sy</u> Syrian Arab Republic	
<u>.sz</u> Swaziland	
<u>.tc</u> Turks and Caicos Islands	
<u>.td</u> Chad	
<u>.tf</u> French Southern Territories	
<u>.tg</u> Togo	
<u>.th</u> Thailand	
<u>.tj</u> Tajikistan	
<u>.tk</u> Tokelau	
<u>.tm</u> Turkmenistan	
<u>.tn</u> Tunisia	
<u>.to</u> Tonga	
<u>.tp</u> East Timor	
<u>.tr</u> Turkey	
<u>.tt</u> Trinidad and Tobago	
<u>.tv</u> Tuvalu	
<u>.tw</u> Taiwan	
<u>.tz</u> Tanzania	
<u>.ua</u> Ukraine	
<u>.ug</u> Uganda	
<u>.uk</u> United Kingdom	
<u>.um</u> US Minor Outlying Islands	
<u>.us</u> United States	
<u>.uy</u> Uruguay	
<u>.uz</u> Uzbekistan	
<u>.va</u> Holy See (City Vatican State)	
<u>.vc</u> Saint Vincent and the Grenadines	
<u>.ve</u> Venezuela	
<u>.vg</u> Virgin Islands (British)	
<u>.vi</u> Virgin Islands (USA)	
<u>.vn</u> Vietnam	
<u>.vu</u> Vanuatu	
<u>.wf</u> Wallis and Futuna Islands	
<u>.ws</u> Western Samoa	
<u>.ye</u> Yemen	
<u>.yt</u> Mayotte	
<u>.yu</u> Yugoslavia	
<u>.za</u> South Africa	

*Fig. 3 Cont.*

<u>Example 2:</u> When I wish to type <b>www.dti.gov.uk</b> I can do it using the following keystrokes:									
Stroke:	1	+2	3 4 5	6	+7	8	+9		
Key:	DUAL+TH/www.	d t i	DUAL+ES/.gov	DUAL+ER/.ccode					
Value:	www.	d t i	.gov	.uk					
Screen: <b>www.dti.gov.uk</b>									
<u>Example 3:</u> When I wish to type <b>www.another.ac.uk</b> I can do it using the following keystrokes:									
Stroke:	1	+2	3	4 5 6	7	+8	9	+10	
Key:	DUAL+TH/www.	AN/.com	o TH/www.	ER/.ccode	DUAL+ED/.ac	DUAL+ER/.ccode			
Value:	www.	an	o th	er	.ac	.uk			
Screen: <b>www.another.ac.uk</b>									

Fig. 4

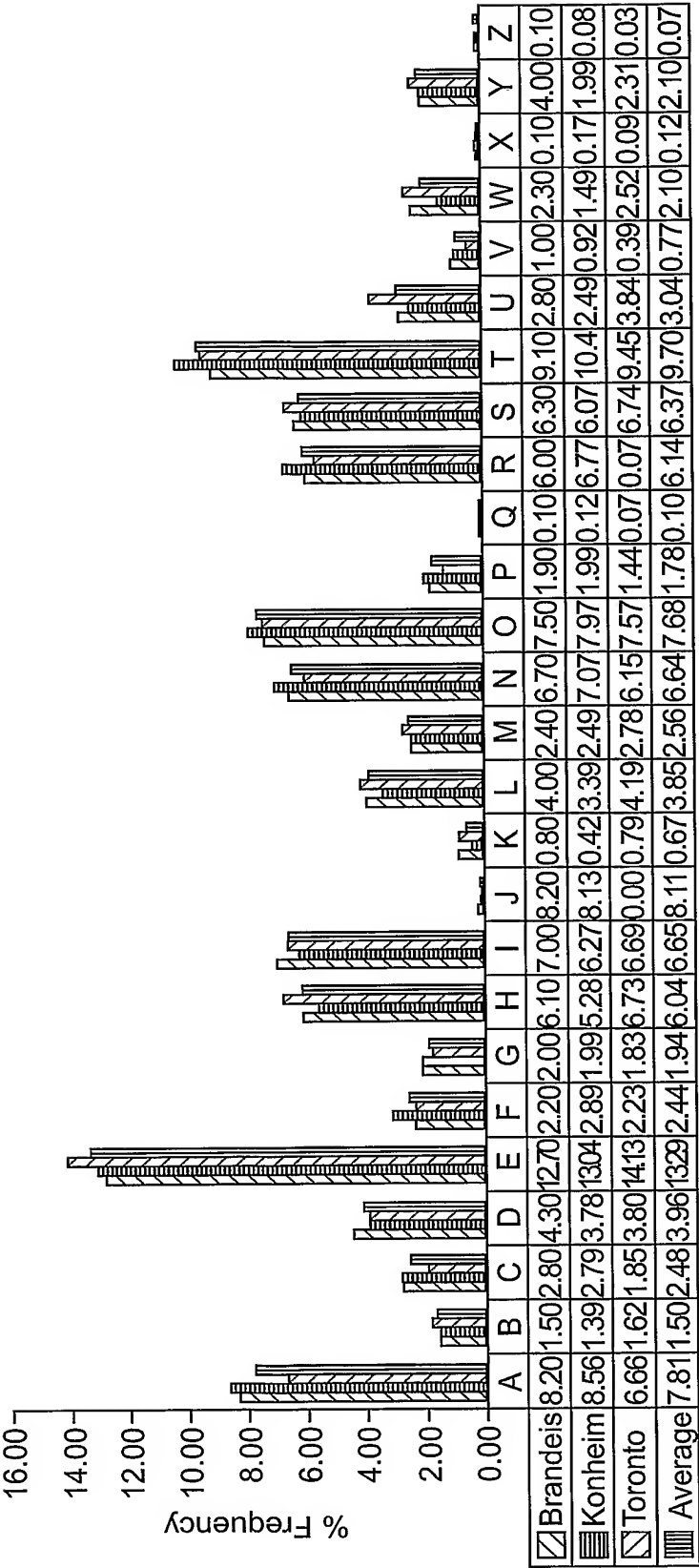


Fig. 5a

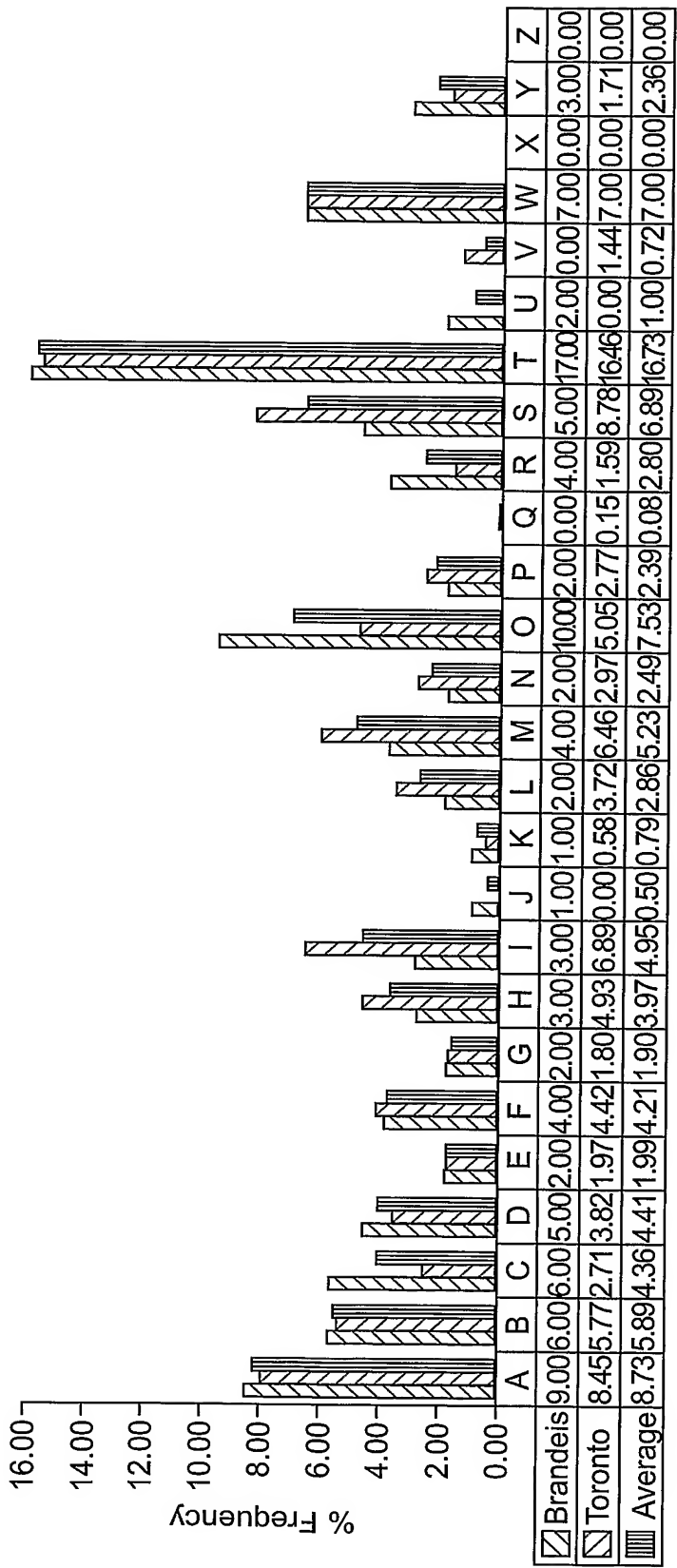


Fig. 5b

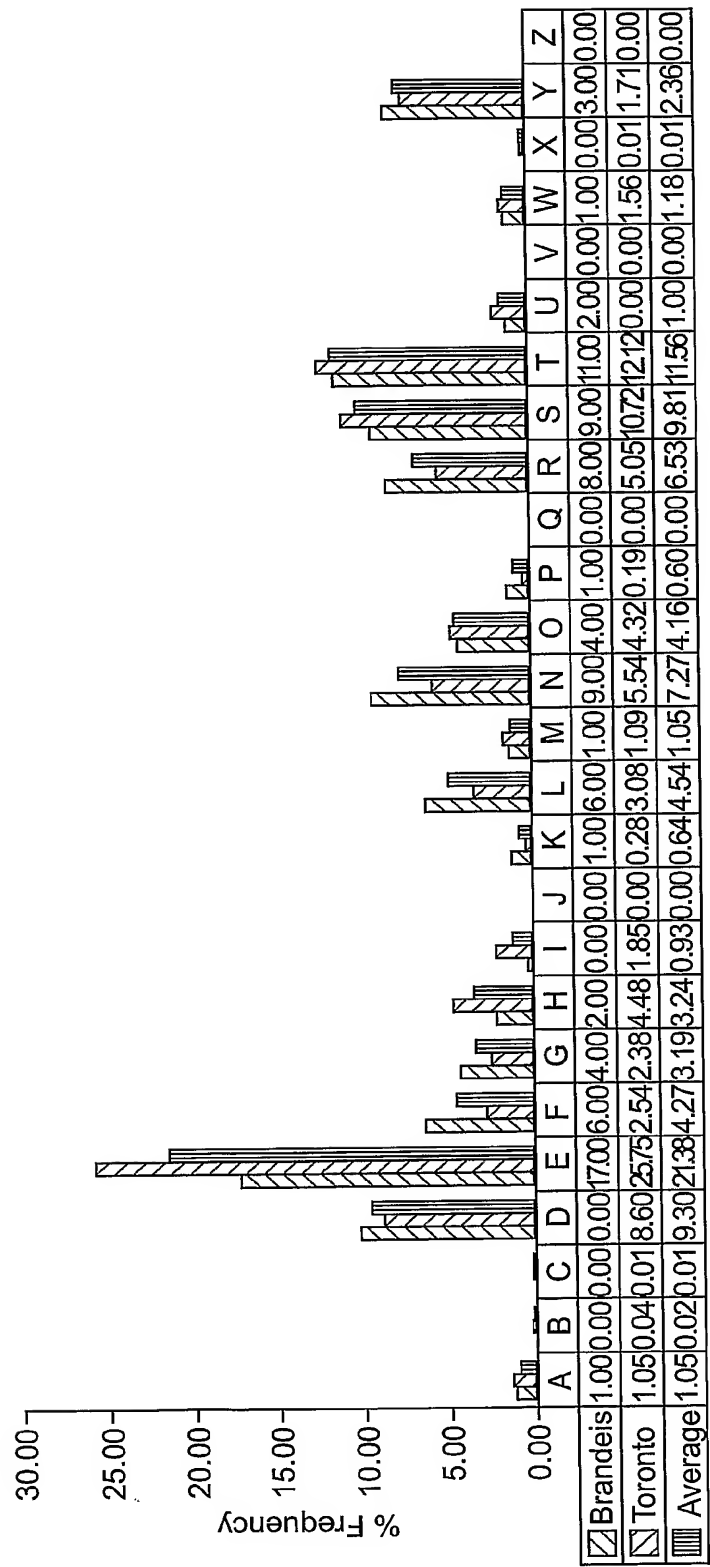


Fig. 5c

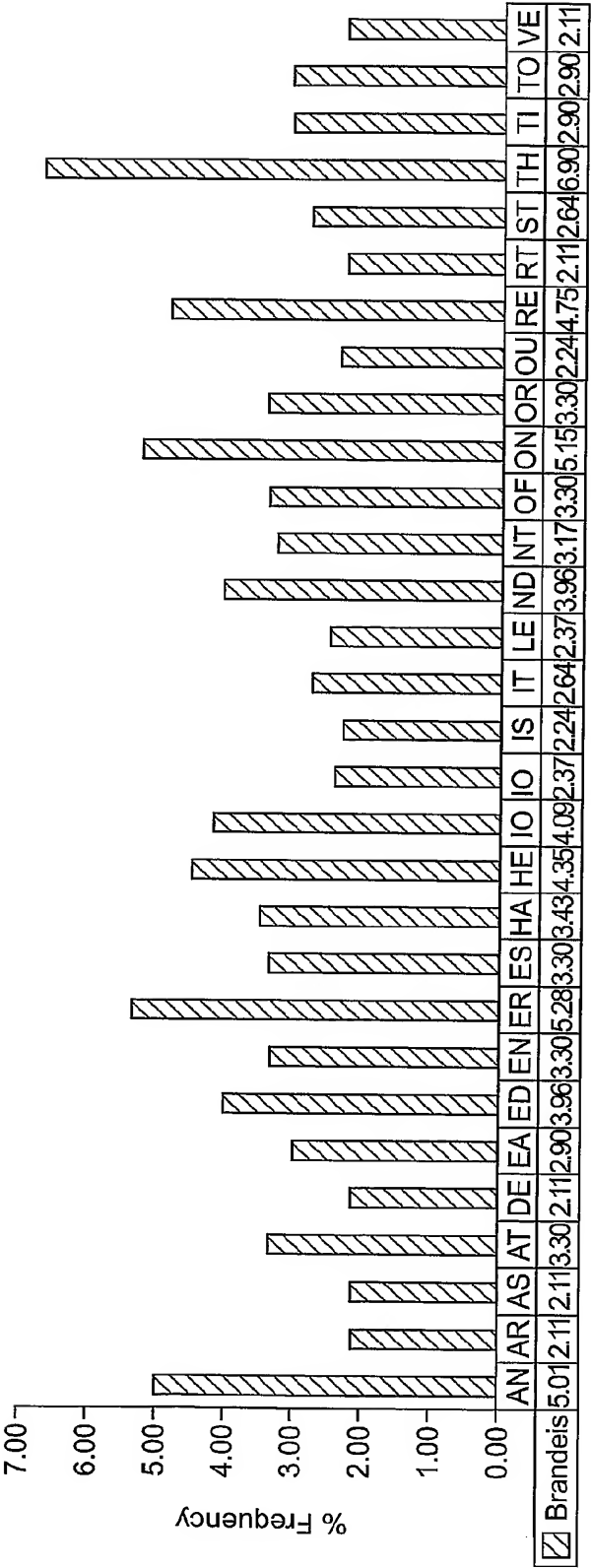


Fig. 5d

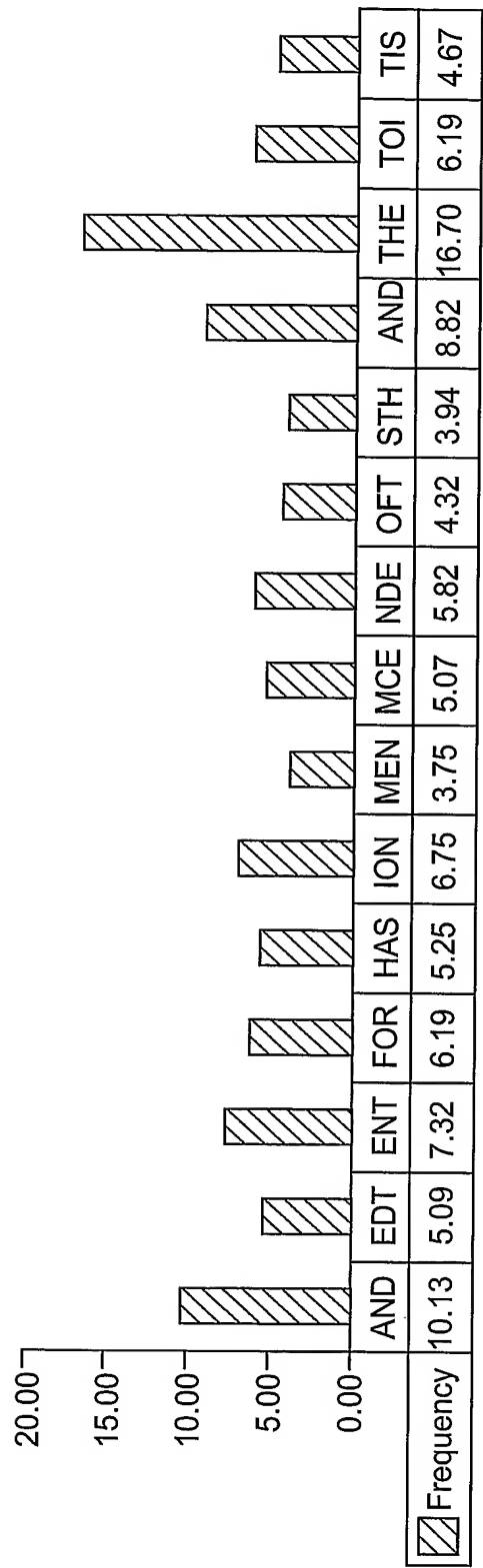


Fig. 5e

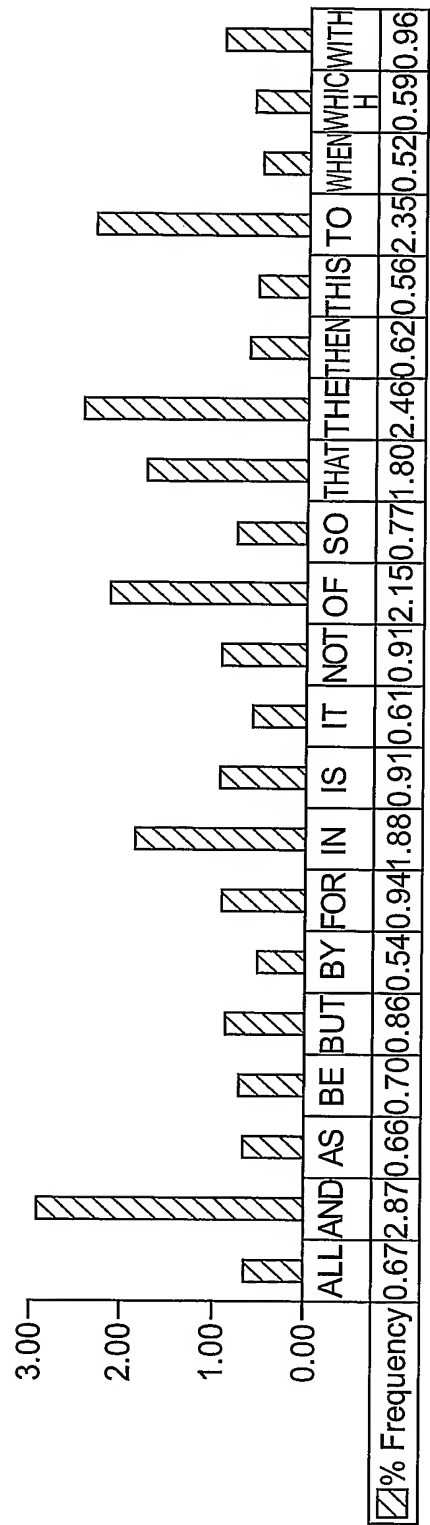


Fig. 5f

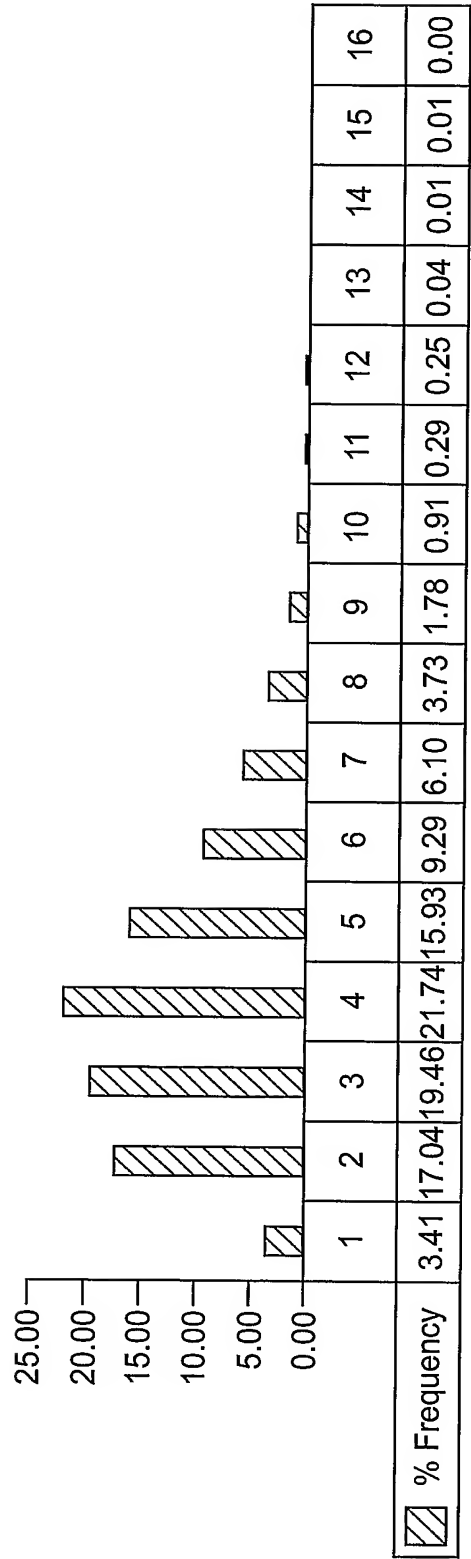


Fig. 5g

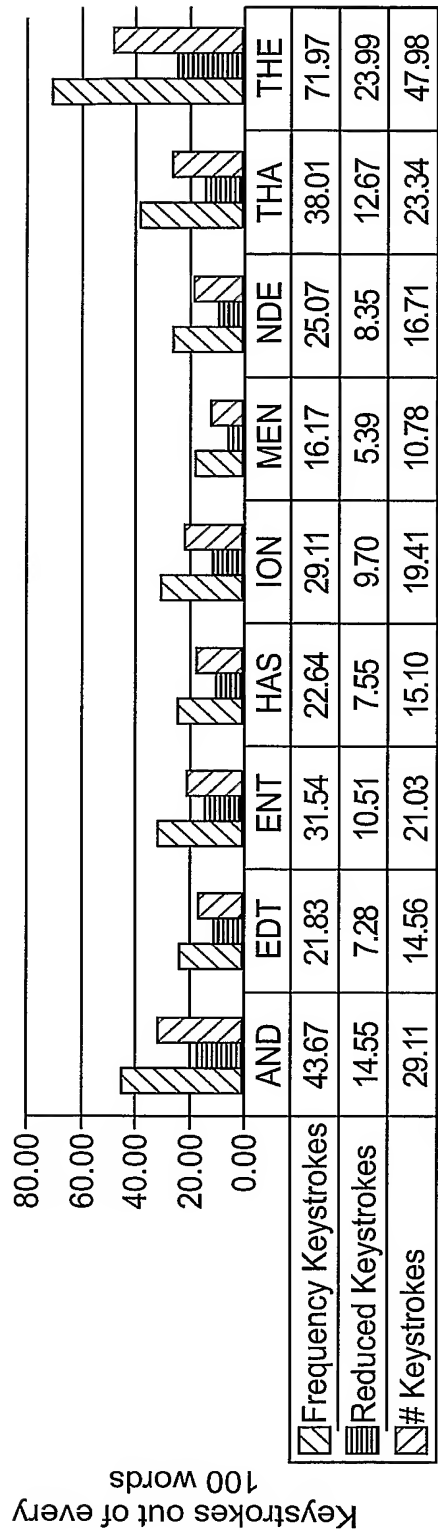


Fig. 5h

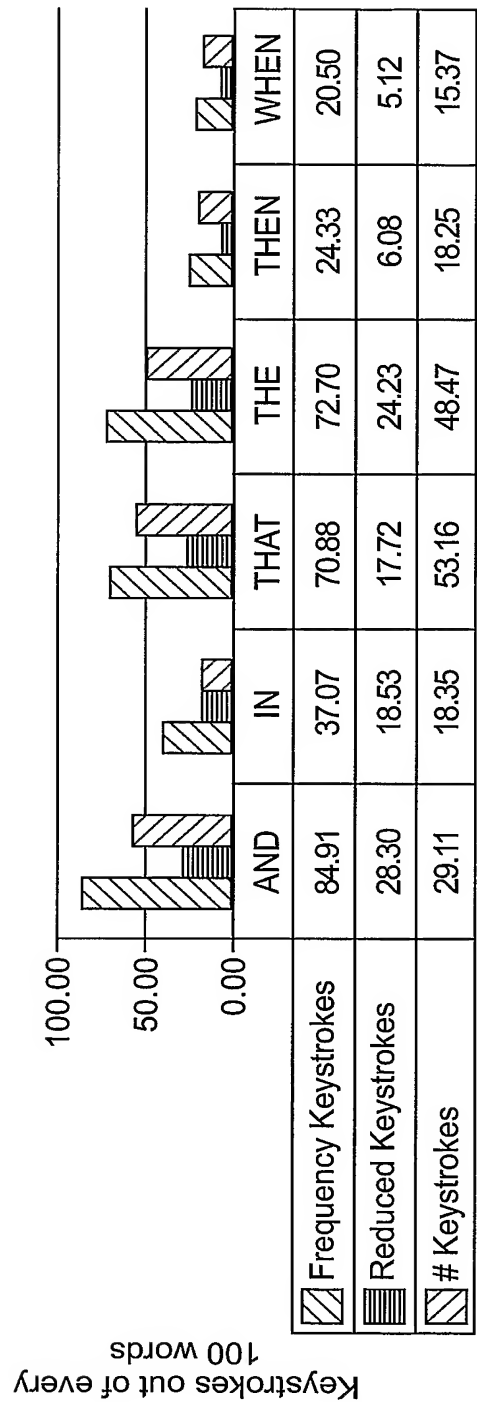


Fig. 5i

	Normal Mode				Caps Lock Mode			
	Letter Key (t,T)	Symbol Key (3,#)	Feature Key (th,TH,www.)		Letter Key (T,t)	Symbol Key (3,#)	Feature Key (TH,th,WWW.)	
Normal	t	3	th		T	3	TH	
Shift	T	#	TH		t	#	th	
Dual	T	#	www.		t	#	WWW.	
Dual Shift	T	#	WWW.		t	#	www.	

Fig. 6a

	Normal Mode			Caps Lock Mode		
	Letter Key (t,T,the)	Symbol Key (qu,QU,q)	Feature Key (th,TH,www.)	Letter Key (T,t,THE)	Symbol Key (QU,qu,Q)	Feature Key (TH,th,WWW.)
Normal	t	Qu	th	T	QU	TH
Shift	T	QU	TH	t	qu	th
Dual	the	q	www.	the	Q	WWW.
Dual Shift	THE	Q	WWW.	THE	q	www.

Fig. 6b

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KEY:	NORMAL MODE:		MDP KEYING:	
	Default	Shift	Dual	Dual Shift
OF .tv	of	OF	.tv	.TV
ED .ac.	ed	ED	.ac.	.AC.
ON .net	on	ON	.net	.NET
EN .edu	en	EN	.edu	.EDU
ES .gov	es	ES	.gov	.GOV
RE .mil	re	RE	.mil	.MIL
TH www.	th	TH	www.	WWW.
AT .co.	at	AT	.co.	.CO.
OR .info	or	OR	.info	.INFO
AN .com	an	AN	.com	.COM
IN .org	in	IN	.org	.ORG
ER .ccode	er	ER	.<ccode>	.<CCODE>
SPC T .biz	<space>t	<space>T	.biz	.BIZ
E SPC .pro	e<space>	E<space>	.pro	.PRO
QU q	qu	QU	q	Q
W	w	W	W	W
E	e	E	E	E
R	r	R	R	R
T	t	T	T	T
Y	y	Y	Y	Y
U	u	U	U	U
I	i	I	I	I
O	o	O	O	O
P	p	P	P	P

Fig. 6c

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KEY:	NORMAL MODE:		MDP KEYING:	
	Default	Shift	Dual	Dual Shift
A	a	A	A	A
S	s	S	S	S
D	d	D	D	D
F	f	F	F	F
G	g	G	G	G
H	h	H	H	H
J	j	J	J	J
K	k	K	K	K
L	l	L	L	L
Z	z	Z	Z	Z
X	x	X	X	X
C	c	C	C	C
V	v	V	V	V
B	b	B	B	B
N	n	N	N	N
M	m	M	M	M
' , -	' , -	' , -	' , -	' , -
1 !	1	!	!	!
2 "	2	"	"	"
3 £	3	£	£	£
4 \$	4	\$	\$	\$
5 %	5	%	%	%
6 ^	6	^	^	^
7 &	7	&	&	&
8 *	8	*	*	*

Fig 6c cont.

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KEY:	NORMAL MODE:		MDP KEYING:	
	Default	Shift	Dual	Dual Shift
9 (	9	(	(	(
0 )	0	)	)	)
- _	-	_	-	-
+ =	+	=	+	+
TAB	TAB	BACKTAB	BACKTAB	BACKTAB
[ {	[	{	{	{
] }	]	}	}	}
: ;	:	;	:	:
@	@	@	@	@
# ~	#	~	~	~
< ,	<	,	<	<
> .	>	.	>	>
/ ?	/	?	/	/
\	\		\	\
/	/	/	/	/
*	*	*	*	*
-	-	-	-	-
+	+	+	+	+

Fig. 6c cont.

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CAPS LOCK MODE:		MDP KEYING:	
KEY:	Default	Shift	Dual Shift
OF .tv	OF	of	.TV .tv
ED .ac.	ED	ed	.AC. .ac.
ON .net	ON	on	.NET .net
EN .edu	EN	en	.EDU .edu
ES .gov	ES	es	.GOV .gov
RE .mil	RE	re	.MIL .mil
TH www.	TH	th	WWW. www.
AT .co.	AT	at	CO. .co.
OR .info	OR	or	.INFO .info
AN .com	AN	an	.COM .com
IN .org	IN	in	.ORG .org
ER .ccode	ER	er	.<CCODE> <ccode>
SPC T .biz	<space>T	<space>t	.BIZ .biz
E SPC .pro	E<space>	e<space>	.PRO .pro
QU q	QU	qu	Q q
W	W	w	w w
E	E	e	e e
R	R	r	r r
T	T	t	t t
Y	Y	y	y y
U	U	u	u u
I	I	i	i i
O	O	o	o o
P	P	p	p p
A	A	a	a a

Fig. 6d

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KEY:	CAPS LOCK MODE:		MDP KEYING:	
	Default	Shift	Dual	Dual Shift
S	S	s	s	s
D	D	d	d	d
F	F	f	f	f
G	G	g	g	g
H	H	h	h	h
J	J	j	j	j
K	K	k	k	k
L	L	l	l	l
Z	Z	z	z	z
X	X	x	x	x
C	C	c	c	c
V	V	v	v	v
B	B	b	b	b
N	N	n	n	n
M	M	m	m	m
,	,	,	,	,
1!	1	!	!	!
2"	2	"	"	"
3£	3£	£	£	£
4\$	4	\$	\$	\$
5%	5	%	%	%
6^	6	^	^	^
7&	7	&	&	&
8*	8	*	*	*
9(	9	(	(	(

Fig. 6d Cont.

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KEY:	CAPS LOCK MODE:		MDP KEYING:	
	Default	Shift	Dual	Dual Shift
0 )	0	)	)	)
- _	-	_	-	-
= +	=	+	+	+
TAB	TAB	BACKTAB	BACKTAB	BACKTAB
[ {	[	{	{	{
] }	]	}	}	}
;;	;	:	:	:
@	@	@	@	@
# ~	#	~	~	~
, <	,	<	<	<
. >	.	>	>	>
/ ?	/	?	?	?
\	\			
/	/	/	/	/
*	*	*	*	*
-	-	-	-	-
+	+	+	+	+

Fig. 6d Cont.

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DUAL LOCK MODE:		MDP KEYING:		
KEY:	Default	Shift	Dual	Dual Shift
OF .tv	.tv	.TV	of	OF
ED .ac.	.ac.	.AC.	ed	ED
ON .net	.net	.NET	on	ON
EN .edu	.edu	.EDU	en	EN
ES .gov	.gov	.GOV	es	ES
RE .mil	.mil	.MIL	re	RE
TH www.	www.	WWW.	th	TH
AT .co.	.co.	.CO.	at	AT
OR .info	.info	.INFO	or	OR
AN .com	.com	.COM	an	AN
IN .org	.org	.ORG	in	IN
ER .ccode	.<ccode>	.<CCODE>	er	ER
SPC T .biz	.biz	.BIZ	<space>t	<space>T
E SPC .pro	.pro	.PRO	e<space>	E<space>
QU q	q	Q	qu	QU
W	w	W	W	W
E	e	E	E	E
R	r	R	R	R
T	t	T	T	T
Y	y	Y	Y	Y
U	u	U	U	U
I	i	I	I	I
O	o	O	O	O
P	p	P	P	P
A	a	A	A	A

Fig. 6e

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KEY:	DUAL LOCK MODE:		MDP KEYING:	
	Default	Shift	Dual	Dual Shift
S	s	S	S	S
D	d	D	D	D
F	f	F	F	F
G	g	G	G	G
H	h	H	H	H
J	j	J	J	J
K	k	K	K	K
L	l	L	L	L
Z	z	Z	Z	Z
X	x	X	X	X
C	c	C	C	C
V	v	V	V	V
B	b	B	B	B
N	n	N	N	N
M	m	M	M	M
,	,	,	,	,
!	1	!	!	!
2"	2	"	"	"
3£	3	£	£	£
4\$	4	\$	\$	\$
5%	5	%	%	%
6^	6	^	^	^
7&	7	&	&	&
8*	8	*	*	*
9(	9	(	(	(

Fig. 6e Cont.

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DUAL LOCK MODE:		MDP KEYING:		
KEY:	Default	Shift	Dual	Dual Shift
0)	0	)	)	)
-	-	-	-	-
= +	=	+	+	+
TAB	TAB	BACKTAB	BACKTAB	BACKTAB
[ {	[	{	{	{
] }	]	}	}	}
;	;	:	:	:
@	@	@	@	@
#	#	~	~	~
, v	,	v	v	v
. >	.	>	>	>
/ ?	/	?	?	?
/	/	/	/	/
*	*	*	*	*
-	-	-	-	-
+	+	+	+	+

Fig. 6e Cont.

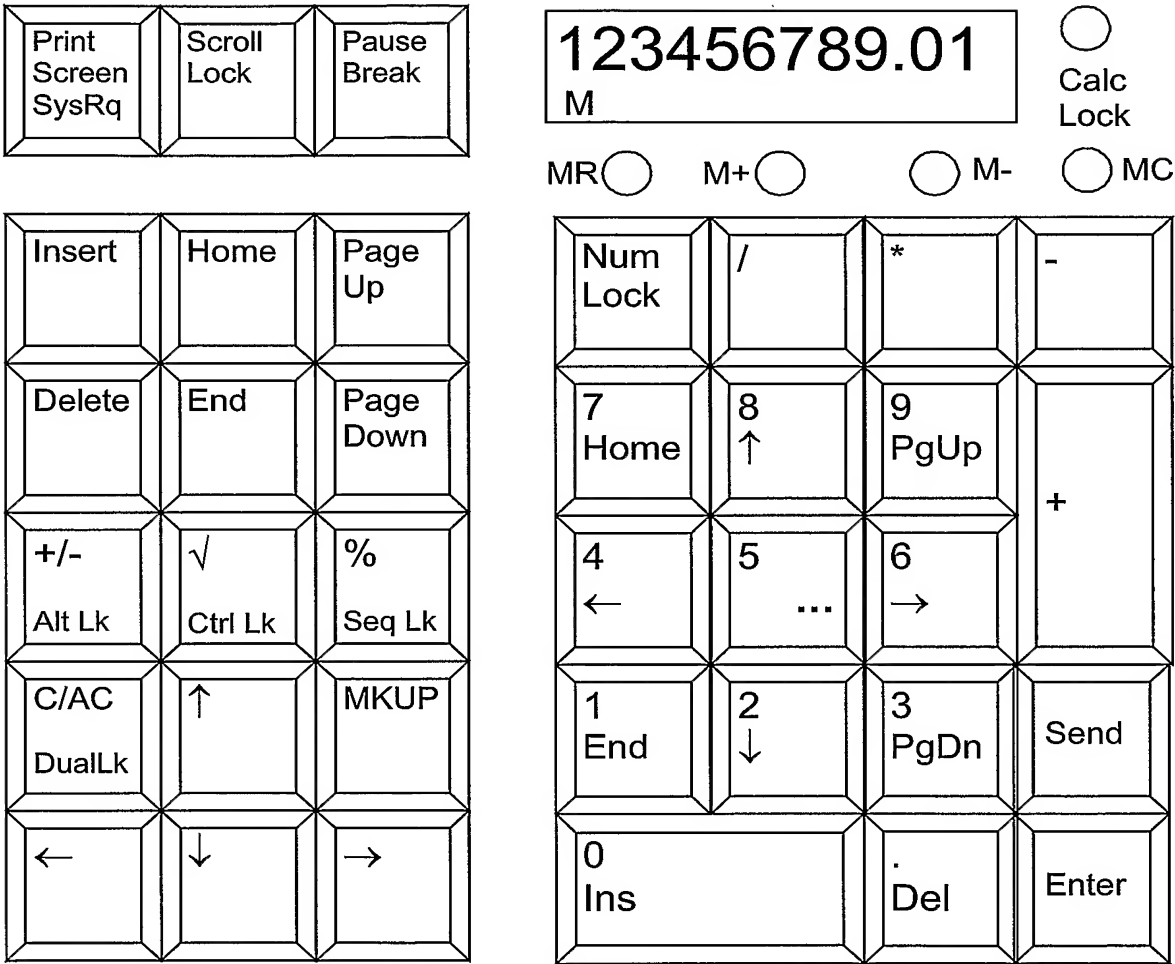


Fig. 7

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**ENGLISH Language Component Breakdowns and Order of Frequencies**

Order Of Frequency Of Single Letters	ENASRIUTOLD C M P V F B G X H Q Y Z J K W
Order Of Frequency Of Digraphs	th er on an re he in ed nd ha at en es of or nt ea ti to it st io le i s ou ar as de rt ve
Order Of Frequency Of Trigraphs	the and tha ent ion tio for nde has nce edt tis oft sth men
Order Of Frequency Of Most Common Doubles	ss ee tt ff ll mm oo
Order Of Frequency Of Initial Letters	<space>T O A W B C D S F M R H I Y E G L N P U J K
Order Of Frequency Of Final Letters	E<space> S T D N R Y F L O G H A K M P U W
One-Letter Words	A, I,
Most Frequent Two-Letter Words	of to in it is be as at so we he by or on do if me my up an go no us am
Most Frequent Three-Letter Words	the and for are but not you all any can had her was one our out day get has him his how man new now old see two way who boy did its let put say she too use
Most Frequent Four-Letter Words	that with have this will your from they know want been good much some time

**FRENCH Language Component Breakdowns and Order of Frequencies**

Order Of Frequency Of Single Letters	ENASRIUTOLD C M P V F B G X H Q Y Z J K W
Most Common Digraphs	es en nt re on le ou de se an te ai er ne em ed ar ce me it et ie ti el ns ur
Most Common Trigraphs	ede les lle que ait eme ion eur ell sse est dan del men des tio ese ans ter ons qui ais ous ent
Most Frequent Doubles	ss ll ee nn tt ff cc rr mm pp
One-Letter Words	a, y, o
Most Common Two-Letter Words	au ce ci de du en et il je la le ma me ne ni on ou sa se si un

**GERMAN Language Component Breakdowns and Order of Frequencies**

Order Of Frequency Of Single Letters	ENRISTUDAHGL O C M B Z F W K V P J Q X Y
Most Common Digraphs	en ch er ei te ie de ge es in ne st un re be an el di ue se au he it ri tz
Most Common Trigraphs	ein ich den der ten cht sch che die ung gen und nen des ben rch
Most Frequent Doubles	ee tt ll ss dd mm nn
Most Common Two-Letter Words	ab am an da er es ob so wo im in um zu du ja ab

Fig. 8

***ITALIAN Language Component Breakdowns and Order of Frequencies***

Order Of Frequency Of Single Letters	E I A O R L N T S C D P U M G V H Z B F Q J K W X Y
Most Common Digraphs	<b>er en re el an on la nt es di ti si al de ra co ta to</b> le li in io ar or
Most Common Trigraphs	che ere zio del que ari ato eco edi ide esi idi ero par nte sta men
Most Frequent Doubles	Il ss tt ee pp nn bb gg cc
One-Letter Words	e a i o
Most Common Two-Letter Words	di in ha ho

***SPANISH Language Component Breakdowns and Order of Frequencies***

Order Of Frequency Of Single Letters	E A O S R I N L D C T U P M Y Q G B H F V J Z K W X
Most Common Digraphs	<b>es en el de la os ar ue ra re er as</b> on st ad ai or ta co <b>se</b> ac ec ci ia
Most Common Trigraphs	que est ara ado aqu del cio nte osa ede per ist nei res sde
Most Frequent Doubles	ee ll rr aa ss cc dd nn
One-Letter Words	a e o u y
Most Common Two-Letter Words	en la de lo el se

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***Fig. 8 Cont.***

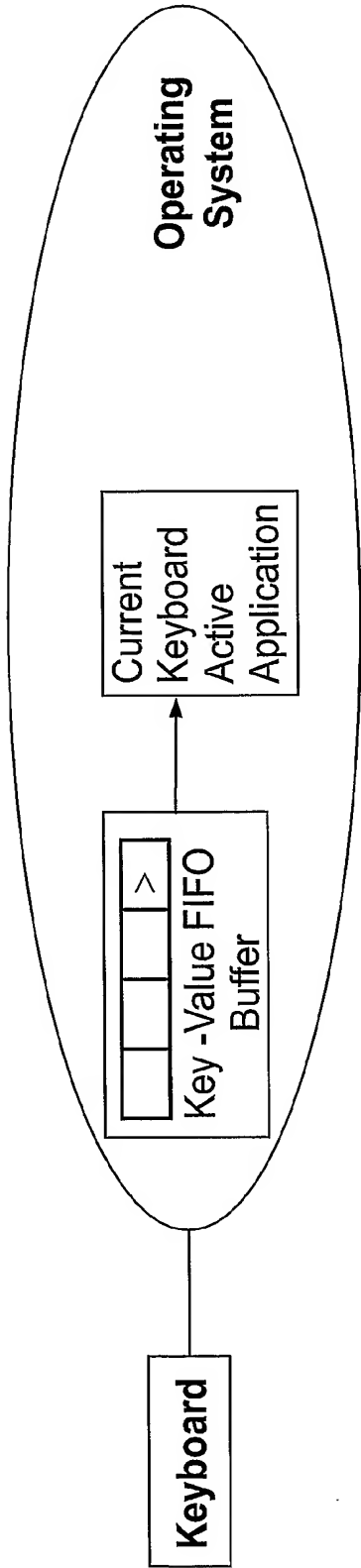
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**Multi-Press (or Toggle), Translate - (Minimize or Implode), Translate + (Maximise or Explode) MPD Keys, and Trans-Mode keys or buttons.**

Phrase:	Dictionary Type:	Translate	Translate+	Notes:
ruf2c	SMS Texting	ruf2c	are you free to chat	Maximize effect
as soon as possible	Abbreviation	asap	as soon as possible	Minimize effect
dog	English-French	dog	chien	Language verbatim translation
keyboard	Dictionary	keyboard	n. A set of keys, as on a computer terminal, word processor, typewriter, or piano	Normal dictionary providing meaning of words etc.
water + carbon dioxide	Chemical	h2o + co2	water + carbon dioxide	Science oriented
gizsum wadda mate	User Defined	gizsum wadda mate	give me some water please	Habitual or behavioural

Fig. 9



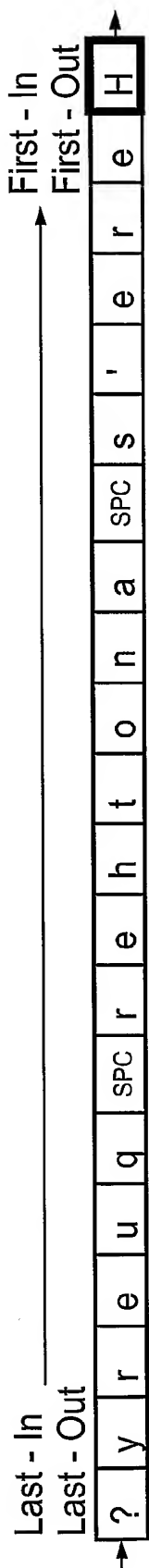
Operating Scenario for Key - Value FIFO Buffer

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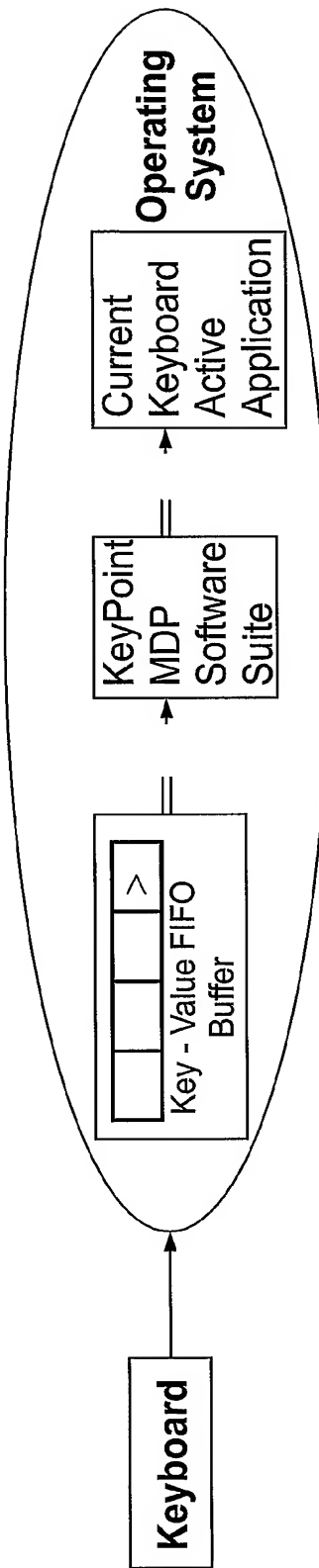
First Event																Last Event															
SHIFT																															SHIFT
H		er	e	'	s	SPC	an	o	th	er	SPC	qu	er	y	/	?															

Order of Key - Press Events for Typing Sequence "Here's another query?"

Fig. 10



Conversion / Mapping of Key - Press Events to Buffered FIFO Transmission



Piped Dual Channel Mode for Key-Value FIFO Buffer

*Fig. 10 Cont.*

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QWERTY	DVORAK DUAL	DVORAK LEFT	DVORAK RIGHT	MALTRON
OF .tv	OF .tv	OF .tv	OF .tv	OF .tv
ED .ac.	ED .ac.	ED .ac.	ED .ac.	ED .ac.
ON .net	ON .net	ON .net	ON .net	ON .net
EN .edu	EN .edu	EN .edu	EN .edu	EN .edu
ES .gov	ES .gov	ES .gov	ES .gov	ES .gov
RE .mil	RE .mil	RE .mil	RE .mil	RE .mil
TH www.	TH www.	TH www.	TH www.	TH www.
AT .co.	AT .co.	AT .co.	AT .co.	AT .co.
OR .info	OR .info	OR .info	OR .info	OR .info
AN .com	AN .com	AN .com	AN .com	AN .com
IN .org	IN .org	IN .org	IN .org	IN .org
ER .code	ER .code	ER .code	ER .code	ER .code
SPC T .biz	SPC T .biz	SPC T .biz	SPC T .biz	SPC T .biz
E SPC .pro	E SPC .pro	E SPC .pro	E SPC .pro	E SPC .pro
QU q	@	::	5 %	QU Q
W	, <	QU Q	6 ^	P
E	. >	B	QU Q	Y
R	P	Y	. >	C
T	Y	U	O	B
Y	F	R	R	V
U	G	S	S	M
I	C	O	U	U
O	R	. >	Y	Z
P	L	6 ^	B	L
A	A	-	7 &	A

Fig. 11

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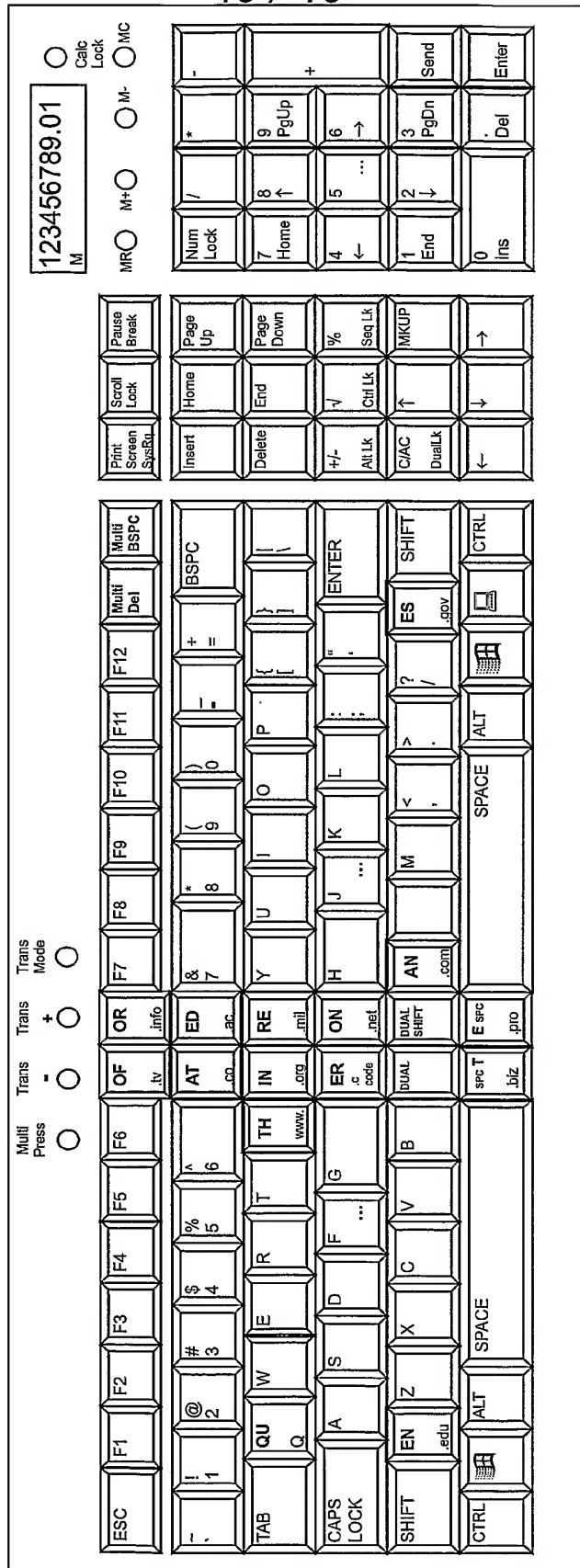
QWERTY	DVORAK DUAL	DVORAK LEFT	DVORAK RIGHT	MALTRON
S	O	K	8 *	N
D	E	C	Z	I
F	U	D	A	S
G	I	T	E	F
H	D	H	H	' "
J	H	E	T	D
K	T	A	D	T
L	N	Z	C	H
Z	::	@	9 (	,
X	QUQ	X	0 )	?
C	J	G	X	J
V	K	V	<	G
B	X	W	I	E
N	B	N	N	J'
M	M	I	W	W
' ,	' ,	' ,	' ,	' ,
1 !	1 !	[ {	1 !	1 +
2	2	] }	2	2 ^
3 £	3 £	/ ?	3 £	3 £
4 \$	4 \$	P	4 \$	4 \$
5 %	5 %	F	J	5 (
6 ^	6 ^	M	L	6 )
7 &	7 &	L	M	7 &
8 *	8 *	J	F	8 @
9 (	9 (	4 \$	P	9 %

Fig. 11 Cont.

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QWERTY	DVORAK DUAL	DVORAK LEFT	DVORAK RIGHT	MALTRON
0 )	0 )	3 £	/ ?	0 =
-	[ {	2	[ {	{ <
= +	] }	1 !	] }	} >
TAB	TAB	TAB	TAB	TAB
[ {	/ ?	5 %	; :	ESC
] }	= +	= +	= +	[ *
; :	S	8 *	K	O
@	- _	7 &	- _	R
# ~	# ~	# ~	# ~	: :
, <	W	, <	V	K
. >	V	0 )	G	-
/ ?	Z	9 (	@	X
\	\	\	\	\

Fig. 11 Cont.



**Fig. 12a**

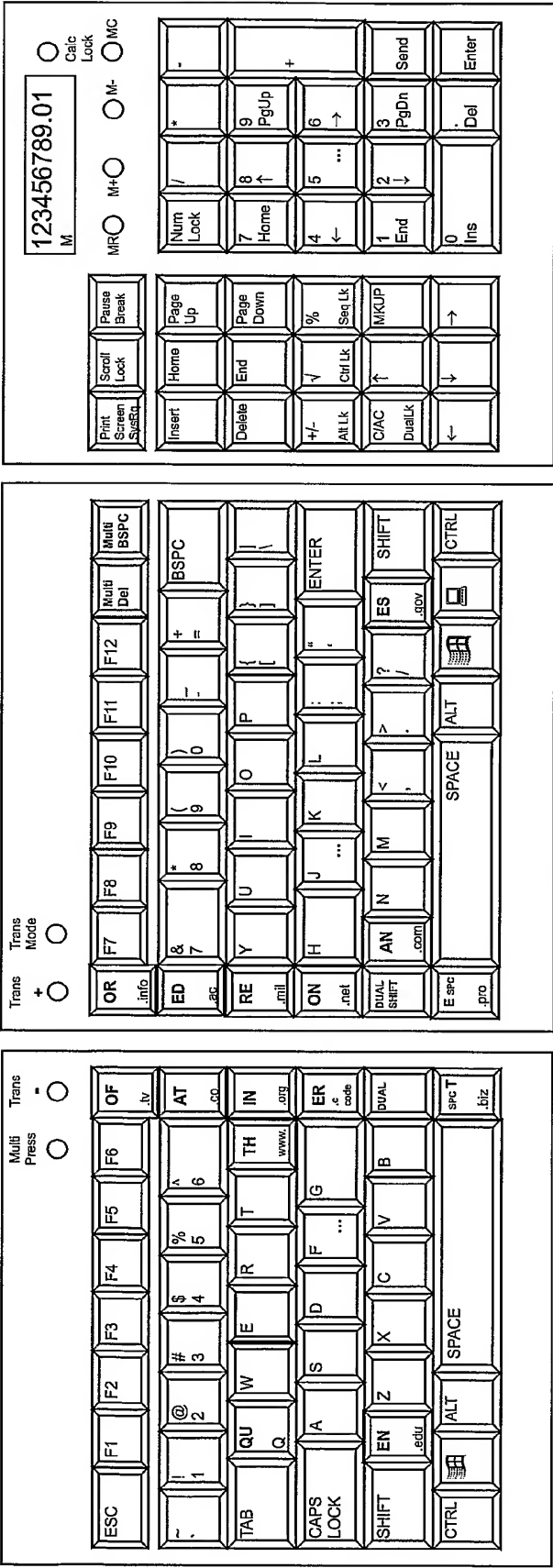


Fig. 12b

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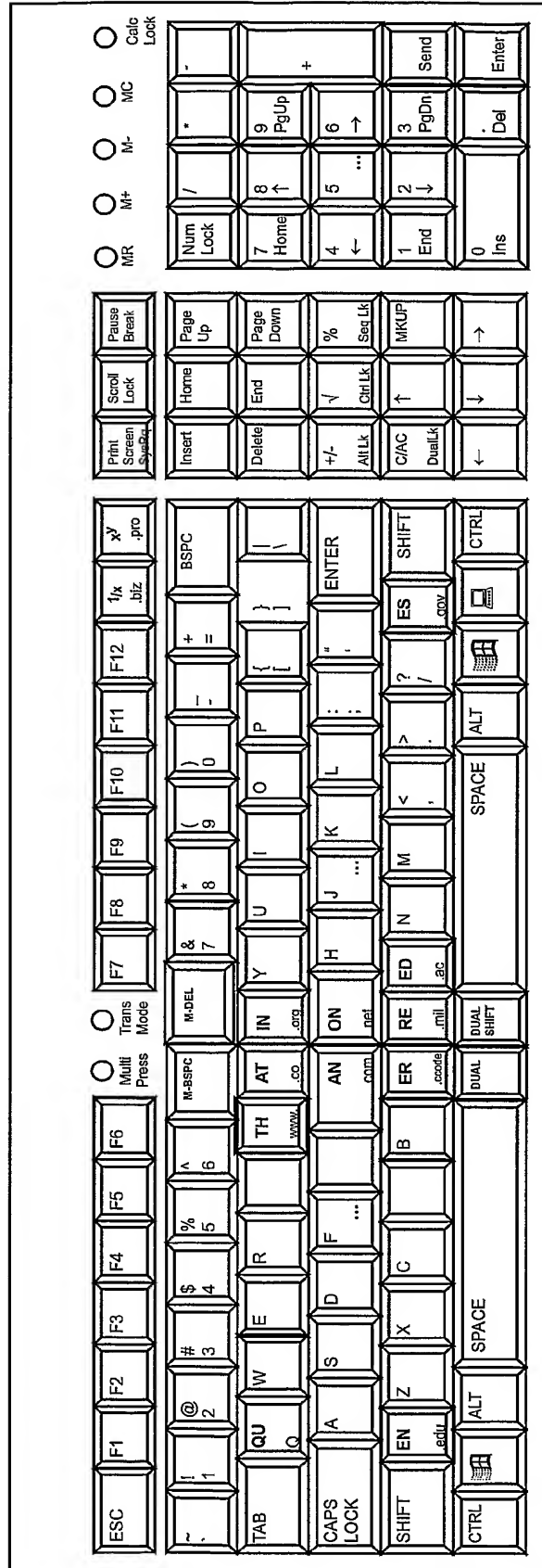


Fig. 12c

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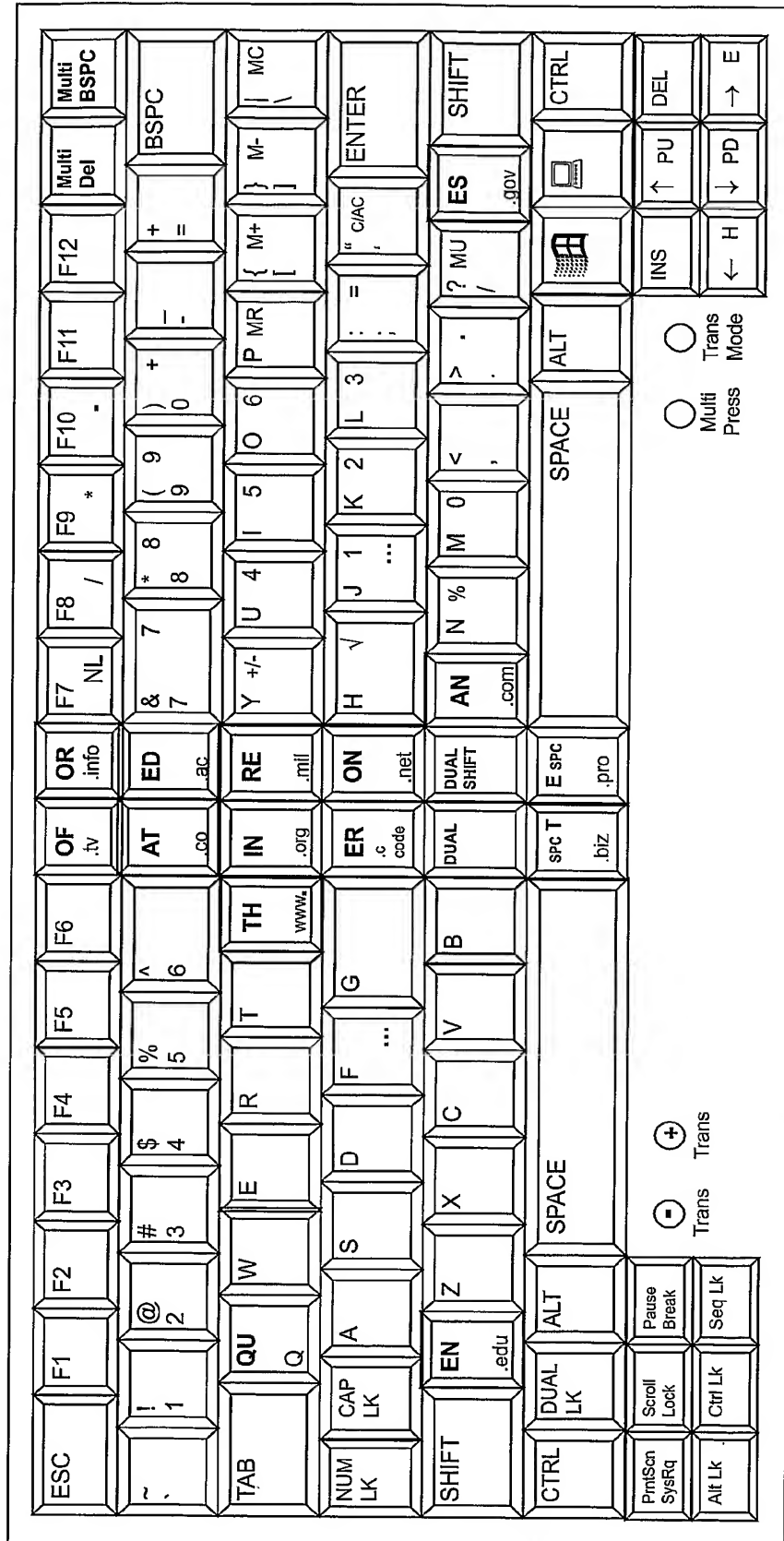


Fig. 12d

Next	generation	of	adaptive	intelligence	interfaces
Nextel	day	delivery	forward	thinking	meeting
	time	will be	meet	proposal	dinner
	step	statistics	for	10:10am	morning
	level	we	the	way	for

Fig. 13

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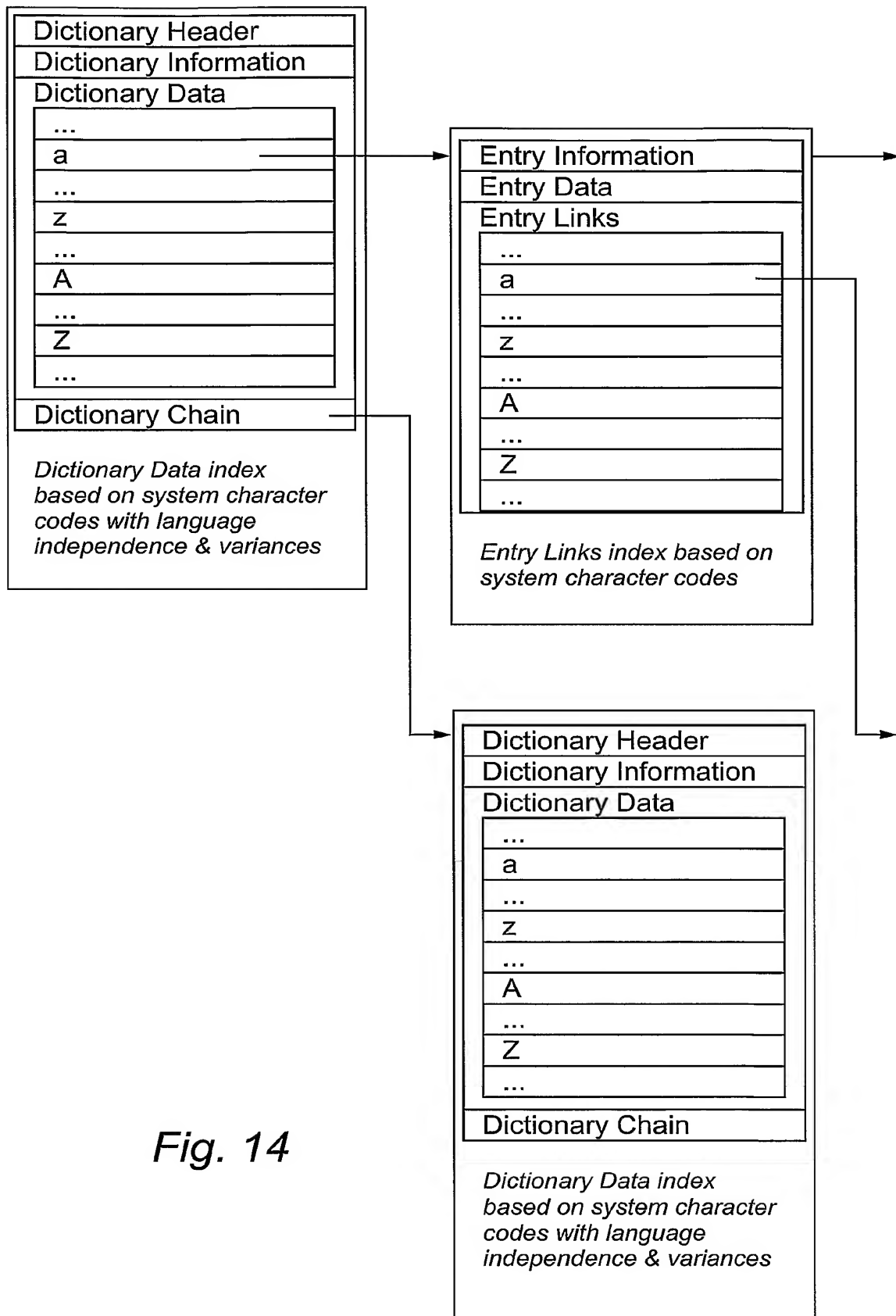


Fig. 14

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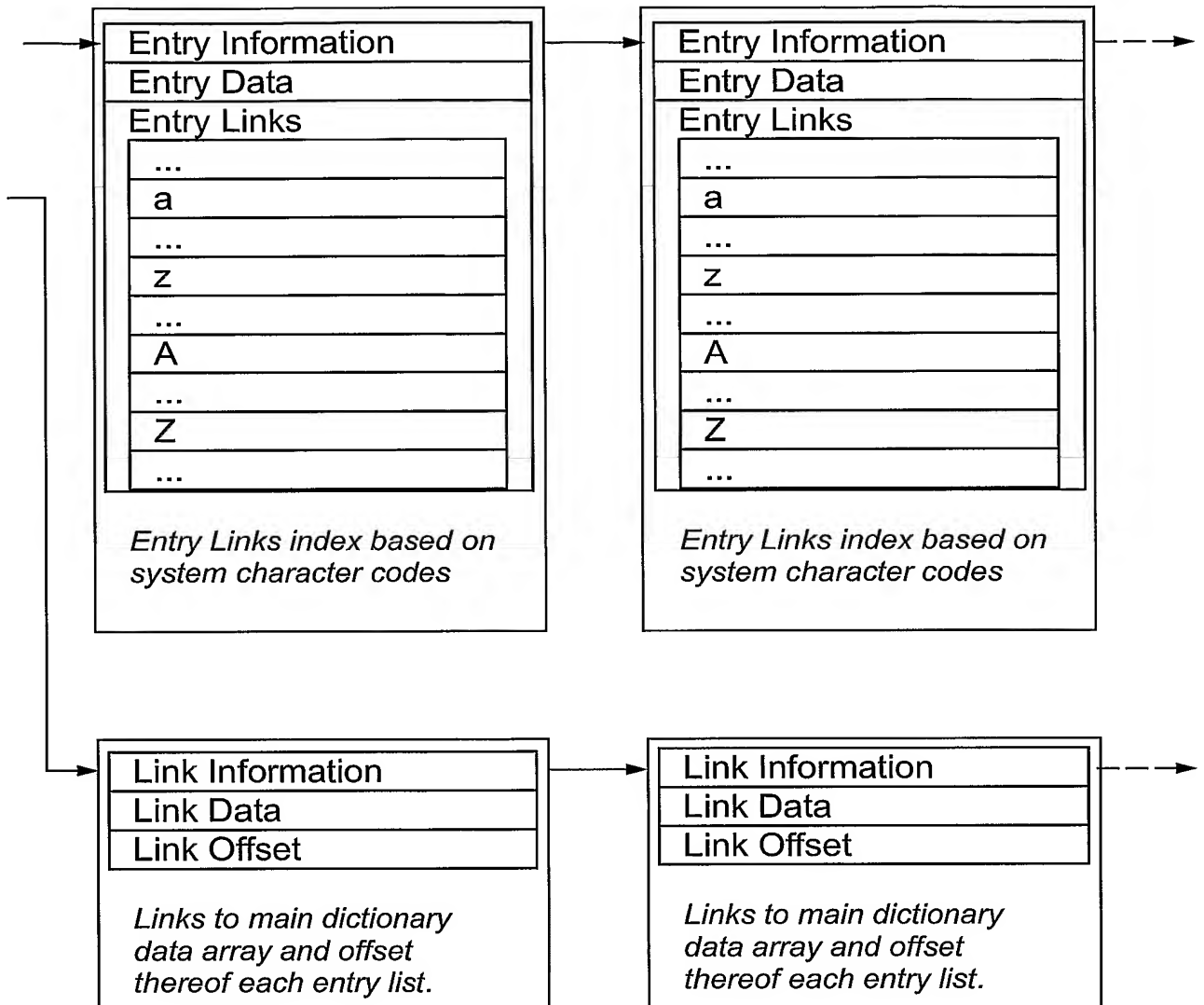


Fig. 14 Cont.